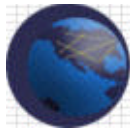


Meeting/Teleconference Name, Date

Gene CDE Focus Group Meeting Minutes

Date, Time & Location:	October 27, 2004 2:00-3:00 EDT		
Attendees:	Juli Klemm	3rd Millennium	
	Rakesh Nagarajan	Washington University	
	Harold Riethman	Wistar Institute	
	Craig Street	Penn	
	Vishal Nayak	Penn	
	David Fenstermacher	Penn	
	Baris Suzek	Georgetown University	
	David Kane	SRA Inc.	
	Kim Bussey	SRA Inc.	
Introduction:	<u>Roll-call, review meeting goals</u> (Craig Street) The agenda for the meeting was two fold: 1) Defining the concept of a Gene CDE 2) Determining the set of acceptable identifiers for genes and their associated products.		
Definition of Gene CDE	<u>Gene CDE</u> (Craig Street et al.) David Fenstermacher provided input from the joint face-to-face meeting of the Architecture and Vocabularies and Common Data Elements Workspaces. At the meeting the concept of a Gene CDE was used as an example. The consensus was to use as broad a definition as possible. This is because every scientist will have his or her own concept. If possible, use one defined by a governing body (such as HUGO). Otherwise, some issues will become rather contentious. Harold Riethman proposed that the gene should be defined as a functional sequence of nucleotides and that the definition should encompass centromeres, telomeres or recombination hotspots. Other possible definitions included that a gene is a DNA sequence under regulatory control and whose transcription product (protein or RNA) results in a functional change. There were also talks on whether data elements should be created to represent the different gene database identifiers. We discussed the need for a "unique identifier" to associate with each Gene CDE. It was debated whether this unique identifier will come from the existing pool of gene accession numbers or whether the LSID schema is to be employed David also mentioned that the procedure for presenting a new CDE to the grid must move through various regulatory committees and the full process may take 2-3 months. This is the length of time to become a full-fledged CDE; there is a usually a 24 hour turnaround time to add a new CDE to the caDSR. The meeting was inconclusive on coming up with an exact definition of a gene. There was disagreement on whether the terms locus and gene are interchangeable and whether a gene is a subset consisting of functional nucleotide sequences. Short term goal: creating a definition for a gene and one or more common		



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	<p>data elements to describe a gene</p> <p>Long term goal: creating a mapping service to map a gene CDE to all related CDE's (other identifiers, gene products, etc.).</p> <p>There was also discussion on whether the gene was a data element concept in itself and whether multiple data element concepts can be used to come up with a single data element. For example, could the data element concepts of Gene and Transcript both share the LocusLink ID Data Element? Some clarification is needed on that topic and that is to be resolved by meeting with members of VCDE. We also talked about coming up with a restricted value domain for a gene CDE that could be extended in subsequent versions as the concept of a gene becomes better defined.</p>			
	Action Items:	Name Responsible	Action Item	Date Due
		David Fenstermacher/ Craig Street	Circulate the Architecture and Vocabularies & Ontologies joint face-to-face meeting notes and slides	4 November 2004
		Craig Street/Juli Klemm	Meet with the VCDE Workspace to determine whether a data element concept can be used to form multiple CDE (and various other specifics)	4 November 2004